

## CAB1232

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### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

34kDa

**Calculated MW:**

11kDa/13kDa

**Applications:**

WB IF

**Reactivity:**

Human, Mouse

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:200

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein Background

Glycophorin C (GYPC) is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants.

### Immunogen information

**Gene ID:**

2995

**Uniprot**

P04921

**Synonyms:**

GYPC; CD236; CD236R; GE; GE:GPC:GPD:GYPD; GPC; GPD; GYPD; PAS-2; PAS-2

**Immunogen:**

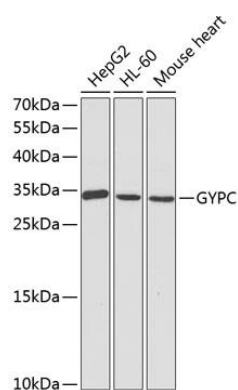
Recombinant fusion protein containing a sequence corresponding to amino acids 1-128 of human GYPC (NP\_002092.1).

**Storage:**

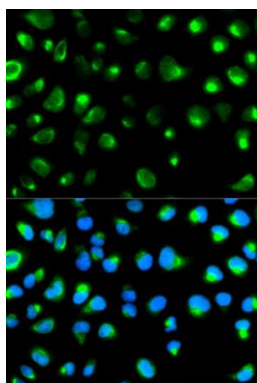
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using GYPC antibody (CAB1232) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of MCF-7 cells using GYPC antibody (CAB1232). Blue: DAPI for nuclear staining.